



Form PTO-1449 (modified)

Office of Patents and Publications for Applicant's

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.

DEKM:158USC1

Serial N .

10/660,097

Applicant

Alan L. Kritz *et al.*

Filing Date:

September 11, 2003

Group:

~~Unknown~~

1638

U.S. Patent Documents

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Foreign Patent Documents

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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
CC	B1	WO 95/06128	03/02/95	PCT			

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
CC	C1	Belanger and Kriz, "Molecular basis for allelic polymorphism of the maize globulin-1 gene," <i>Genet.</i> , 129:863-872, 1991.
	C2	Chen <i>et al.</i> , "Minimal regions in the Arabidopsis Pistillata promoter response to the apetala3/pistillata feedback control do not contain CarG box," <i>Sex Plant Reprod.</i> , 13:85-94, 2000.
	C3	U.S. Patent Application Serial No. 08/763,704 filed December 9, 1996, issued as U.S. Patent Document 6,326,527.
	C4	de Freitas <i>et al.</i> , "Structural characterization and promoter activity analysis of the gamma-kafirin gene from sorghum," <i>Molecular and General Genetics</i> , 245(2):177-186, 1994.
	C5	Dehio and Schell, "Identification of plant genetic loci involved in a posttranscriptional mechanism for meiotically reversible transgene silencing," <i>Proc. Natl. Acad. Sci. USA</i> , 91:5538-5542, 1994.
	C6	Donald <i>et al.</i> , "Mutation of either G box or I box sequences profoundly affects expression from the Arabidopsis rbcS-1A promoter," <i>The EMBO Journal</i> , 9(6):1717-1726, 1990.
	C7	Ingelbrecht <i>et al.</i> , "Post-transcriptional silencing of reporter transgenes in tobacco correlates with DNA methylation," <i>Proc. Natl. Acad. Sci. USA</i> , 91:10502-10506, 1994.
✓	C8	Jorgensen, "Altered gene expression in plants due to trans interactions between homologous genes," <i>Trends Biotechnol.</i> , 8:340-44, 1990.

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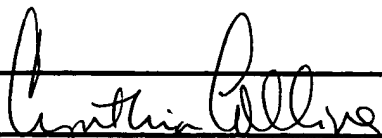
See Page 1

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
QC	C9	Jorgensen, "Cosuppression, flower color patterns, and metastable gene expression states," <i>Science</i> , 268:686-691, 1995.
	C10	Kim <i>et al.</i> , "a 20 nucleotide upstream element is essential for the eopaline synthase (nos) promoter activity," <i>Plant Molecular Biology</i> , 24:105-117, 1994.
	C11	Kriz <i>et al.</i> , "Structural and transcriptional analysis of DNA sequences flanking genes that encode 19 kilodalton zeins," <i>Mol. Gen. Genet.</i> , 207(1):90-98, 1987.
	C12	Langridge and Feix, "A zein gene of maize is transcribed from two widely separated promoter regions," <i>Cell</i> , 34:1015-1022, 1983.
	C13	Leite <i>et al.</i> , "Nucleotide sequence of a cDNA Clone Encoding $\gamma$ -coixin from <i>Coix lacryma-jobi</i> seeds," <i>Plant Physiol.</i> 97:1604-1605, 1991.
	C14	Leite <i>et al.</i> , "Phylogenetic relationship of zeins and coixins as determined by immunological cross-reactivity and Southern Blot analysis," <i>Plant Mol. Biol.</i> 14:743-751, 1990.
	C15	Lindbo <i>et al.</i> , "Induction of a highly specific antiviral state in transgenic plants: implications for gene regulation and virus resistance," <i>Plant Cell</i> , 5:1749-1759, 1993.
	C16	Matzke and Matzke, "How and why do plants inactivate homologous (trans)genes?," <i>Plant Physiol.</i> , 107:679-685, 1995.
	C17	Matzke <i>et al.</i> , "A variety of epistatic interactions can occur between partially homologous transgene loci brought together by sexual crossing," <i>Mol. Gen. Genet.</i> , 236:379-86, 1993.
	C18	Matzke <i>et al.</i> , "Homology-dependent gene silencing in transgenic plants: epistatic silencing loci contain multiple copies of methylated transgenes," <i>Mol. Gen. Genet.</i> , 244:219-229, 1994.
	C19	Meyer, "Understanding and controlling transgene expression," <i>Trends Biotechnol.</i> , 13:332-337, 1995.
	C20	Mueller <i>et al.</i> , "Homology-dependent resistance transgenic virus resistance in plants related to homology-dependent gene silencing," <i>Plant J.</i> , 7:1001-1013, 1995.
	C21	Napoli <i>et al.</i> , "Introduction of a chimeric chalcone synthase gene into petunia results in reversible co-suppression of homologous genes <i>in trans</i> ," <i>Plant Cell</i> , 2:279-289, 1990.

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Other Art

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Exam. Init.	Ref. Des.	Citation
QC	C22	Neto <i>et al.</i> , "The involvement of opaque 2 on $\beta$ -prolamin gene regulation in maize and Coix suggests a more general role for this transcriptional activator," <i>Plant Mol. Biol.</i> 27:1015-1029, 1995.
	C23	Neuhuber <i>et al.</i> , "Susceptibility of transgene loci to homology-dependent gene silencing," <i>Mol. Gen. Genet.</i> , 244:230-241, 1994.
	C24	Ottoboni <i>et al.</i> , "Sequence analysis of 22 KDa-like alpha coixin genes reveals highly conserved protein structure and regulatory elements," <i>Plant Molecular Biology</i> , 21(5):765-778, 1993.
	C25	Ottoboni <i>et al.</i> , Sequence analysis of 22kDa-like $\alpha$ -coixin genes and their comparison with homologous zein and kafirin genes reveals highly conserved protein structure and regulatory elements," <i>Plant Molecular Biology</i> , 21:765-778, 1993.
	C26	Ottoboni <i>et al.</i> , Sequence analysis of 22kDa-like $\alpha$ -coixin genes and their comparison with homologous zein and kafirin genes reveals highly conserved protein structure and regulatory elements," EMBL GenBank Database Accession No. X63113 from the World Wide Web at site: <a href="http://www.ncbi.nlm.nih.gov">http://www.ncbi.nlm.nih.gov</a> .
	C27	Park <i>et al.</i> , "Gene silencing mediated by promoter homology occurs at the level of transcription and results in meiotically heritable alterations in methylation and gene activity," <i>Plant</i> , 9:183-194, 1996.
	C28	Reina <i>et al.</i> , "Sequence analysis of a genomic clone encoding a Zc2 protein from Zea mays W64 A," <i>Nucl. Acids Res.</i> , 18(21):6426, 1990.
	C29	Siebert <i>et al.</i> , "An improved PCR method of walking in uncloned genomic DNA," <i>Nucl. Acids Res.</i> , 23:1087-1088, 1995.
	C30	Van Blokland <i>et al.</i> , "Transgene-mediated suppression of chalcone synthase expression in <i>Petunia hybrida</i> results from an increase in RNA turnover," <i>Plant J.</i> , 6:861-877, 1994.
	C31	Van der Krol <i>et al.</i> , "Flavonoid genes in petunia: addition of a limiting number of copies may lead to a suppression of gene expression," <i>Plant Cell</i> , 2:291-99, 1990.
	C32	Vaucheret, "Identification of a general silencer for 19S and 35S promoters in a transgenic tobacco plant: 90bp of homology in the promoter sequence are sufficient for trans-inactivation," <i>C.R. Acad. Sci. III</i> , 316:1471-83, 1993.

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*Christina Collins*

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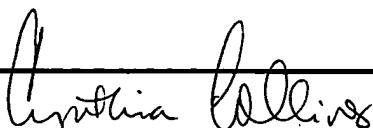
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Exam. Init.	Ref. Des.	Citation
cc	C33	Vettore <i>et al.</i> , "The molecular and functional characterization of an Opaque2 homologue gene from Coix and a new classification of plant bZIP proteins," <i>Plant Molecular Biology</i> , 36(2):249-263, 1998.
	C34	Vettore <i>et al.</i> , "The molecular and functional characterization of an Opaque2 homologue gene from Coix and a new classification of plant bZIP proteins," <i>Plant Mol. Biol.</i> 36:249-263, 1998.
	C35	Wandelt and Feix, "Sequence of a 21 kd zein gene from maize containing an in-frame stop codon," <i>Nucl. Acids Res.</i> , 17(6):2354, 1989.
✓	C36	Yunes <i>et al.</i> , "The transcriptional activator Opaque2 recognizes two different target sequences in the 22-kD-like $\alpha$ -prolamin genes," <i>The Plant Cell</i> 6:237-249, February 1994

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